BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No: EE/YNK/BBMP/E-PMT/21/2017-18 Dated: 06-03-2018

APPROVED TENDER SCHEDULE –'B'

Item No: 01

Name of Work:Maintenance of pump and motors in ward no 03

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri C RAJU	
				Rate	Rate in Words
1	Lifting of Submersible pump set **(P.40/I.13) PRED SR (2013-14) P-56 I.No 3.21**	No.	60	824.50	Rupees Eight Hundred Twenty Four and Paise Fifty Only
2	Transportation of pumping machineries PRED SR For 2012-13 **(P.41/I.14)PRED SR (2013-14) P.No 56 Item No 10-3-19**	No.	60	873.00	Rupees Eight Hundred Seventy Three Only
3	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. **PRED SR (2013-14) P No. 54/ I. No. A) (Above 5 HP upto 10HP add Rs.120/- for every ½ HP)** **B) 10 HP Motor** **upto 5 HP 2500.00** **for 10 HP (120 x 10) 1200.00 Total 3700**	No.	60	3589.00	Rupees Three Thousand Five Hundred Eighty Nine Only
4	**B) Replacement of Motor Parts:** Stator (with one year Guarantee) **P No. 55/ I No. C(1) PRED SR (2012-13) 10.3.3**	No.	60	4898.50	Rupees Four Thousand Eight Hundred Ninety Eight and Paise Fifty Only
5	Rotor (with one year Guarantee) **P No. 55/ I No. C(2) PRED SR (2013-14) 10.3.6**	No.	60	4559.00	Rupees Four Thousand Five Hundred Fifty Nine Only
6	Upper Flange **P. No. 40 / I No. 10.3.7 PRED SR (2013-14)**	No.	60	339.50	Rupees Three Hundred Thirty Nine and Paise Fifty Only
7	Lower Housing **P. No. 55 / I No.10.3.10PRED SR (2013-14)**	No.	60	630.50	Rupees Six Hundred Thirty and Paise Fifty Only
8	Lower flange **P. No. 40 / I No.5 PRED SR (2008-09)**	No.	60	339.50	Rupees Three Hundred Thirty Nine and Paise Fifty Only
9	a) Carbon Housing **P. No. 56 / I No.10.3.12 PRED SR (2012-13)**	No.	60	460.75	Rupees Four Hundred Sixty and Paise Seventy Five Only

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	b) Thrust bearing block assembly complete with Segment bearing pad.**P. No. 40 / I No10.3.13PRED SR (2012-13**	No.	60	1115.50	Rupees One Thousand One Hundred Fifteen and Paise Fifty Only
11	c)Top Carbon /Ferrodo padding **P. No. 56 / I No. PRED SR (2012-13)**	No.	60	145.50	Rupees One Hundred Forty Five and Paise Fifty Only
12	Bearing (GunMetal) Centrifugal cast Aluminium Bronze, bearing bush. **P. No. 56/ I No10.3.16 PRED SR (2013-14)**	No.	60	388.00	Rupees Three Hundred Eighty Eight Only
13	Motor Base with pin **P. No. 56 / I No.10.3.18 PRED SR (2013-14)**	No.	60	455.90	Rupees Four Hundred Fifty Five and Paise Ninety Only
14	Re-erection charges of pumping machineries including overhauling and painting **P. No. 56 / I No.50 PRED SR (2013-14)**	No.	60	921.50	Rupees Nine Hundred Twenty One and Paise Fifty Only
15	Labour charges (overhauling only) **P. No. 55/ I No.10.3.22 PRED SR (2012-13)**	No.	60	533.50	Rupees Five Hundred Thirty Three and Paise Fifty Only
16	**C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement.** Pump Bowls **P. No. 54 / I No.10.2.1 PRED SR (2013-14**	No.	60	679.00	Rupees Six Hundred Seventy Nine Only
17	Intermediate piece (I.P) with IP leaded bronze bush **P. No. 54 / I No10.2.2 PRED SR (2012-13)**	No.	60	436.50	Rupees Four Hundred Thirty Six and Paise Fifty Only
18	Oil Seal **P. No. 39 / I No.B3 PRED SR (2008-09)**	No.	60	121.25	Rupees One Hundred Twenty One and Paise Twenty Five Only
19	Oil Seal Steel Bush **P. No. 54/ I No.10.24 PRED SR (2012-13)**	No.	60	145.50	Rupees One Hundred Forty Five and Paise Fifty Only
20	Guide vane **P. No. 54 / I No.10.2.5 PRED SR (2012-13)**	No.	60	169.75	Rupees One Hundred Sixty Nine and Paise Seventy Five Only
21	Impeller (Shell moulded with aluminium and Bronze) **P. No. 54/ I No.10.2.70 PRED SR (2012-13)**	No.	60	412.25	Rupees Four Hundred Twelve and Paise Twenty Five Only
22	a) Discharge outlet (D.O) Bearing D.O Steel Bush **P. No.54 / I No.10.2.70 RDED SR (2012-13)**	No.	60	431.65	Rupees Four Hundred Thirty One and Paise Sixty Five Only
23	b) D.O Bearing **P. No. 54 / I No.10.2.8 PRED SR (2012-13)**	No.	60	276.45	Rupees Two Hundred Seventy Six and Paise Forty Five Only
24	Steel Bush (D.O.Steel bush) **P. No. 54 / I No.A710.2.9 PRED SR (2012-13)**	No.	60	145.50	Rupees One Hundred Forty Five and Paise Fifty Only

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	Allen Screw **P. No. 55 / I No.8 PRED SR (2012-13)**	No.	60	24.25	Rupees Twenty Four and Paise Twenty Five Only
26	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P. No. 55/ I No.10.2.11 PRED SR (2013-14))**	No.	60	921.50	Rupees Nine Hundred Twenty One and Paise Fifty Only
27	Pump key (Stainless steel) **P. No. 55 / I No.10.2.12 PRED SR (2012-13))**	No.	60	121.25	Rupees One Hundred Twenty One and Paise Twenty Five Only
28	Pump Coupling (Stainless steel) **P. No. 55/ I No.10.2.13PRED SR (2012-13)**	No.	60	242.50	Rupees Two Hundred Forty Two and Paise Fifty Only
29	Non – return valve (NRV) assembly complete with rubber 'O' Ring **P. No. 55 / I No.10.2.14PRED SR (2012-13)**	No.	50	1309.50	Rupees One Thousand Three Hundred Nine and Paise Fifty Only
30	Cable Guard **P. No.55 / I No.10.2.15 PRED SR (2012-13)**	No.	60	145.50	Rupees One Hundred Forty Five and Paise Fifty Only
31	Strainer **P. No. 55 / I No.10.2.16 PRED SR (2012-13)**	No.	60	145.50	Rupees One Hundred Forty Five and Paise Fifty Only
32	Brass Filter **P. No. 55 / I No.10.2.17) PRED SR (2012-13)**	No.	60	242.50	Rupees Two Hundred Forty Two and Paise Fifty Only
33	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	No.	30	970.00	Rupees Nine Hundred Seventy Only
34	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, P-66, I.No.7) KPWD Electrical SR 2007-08	No.	40	1891.50	Rupees One Thousand Eight Hundred Ninety One and Paise Fifty Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri C RAJU	
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35	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class 2016-17, P-90, i.no13.15	No.	600	418.07	Rupees Four Hundred Eighteen and Paise Seven Only
36	GI Collers	No.	120	97.00	Rupees Ninety Seven Only
37	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2009 (1x3x4.00 Sqmm PVC cable)	mtr	1600	146.47	Rupees One Hundred Forty Six and Paise Forty Seven Only
38	**E) General Items** KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2016-17**	Cum	320	322.99	Rupees Three Hundred Twenty Two and Paise Ninety Nine Only
39	Providing and instalation at site of works P.V.C. Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.3 item No.4.2 **PRE SR 2016-17**	Rmtr	800.00	156.86	Rupees One Hundred Fifty Six and Paise Eighty Six Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri C RAJU	
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.0	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, **No. 6/ Item No. 2.11/ PWD SR 2016-17**	Cum	320.00	74.03	Rupees Seventy Four and Paise Three Only
41	Labour charges for attending to repairs of the P.V.C pipes by earth work excavation, cutting the old pipe, installation and jointing of new pipes to the existing old pipe to the depth, line and level, perfect linking at joints including encasing the pipes alround to a depth of not less than 15 cm with earth available and refilling the excavated trenches giving satisfactory hydraulic test et., complete (Excluding the cost of materials) **(P.6/I.9 PRED SR - 2016-17)**	Each	135	145.87	Rupees One Hundred Forty Five and Paise Eighty Seven Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.